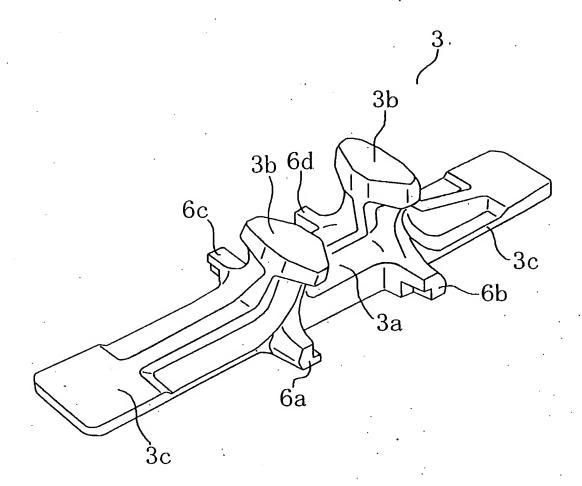


F i g. 2



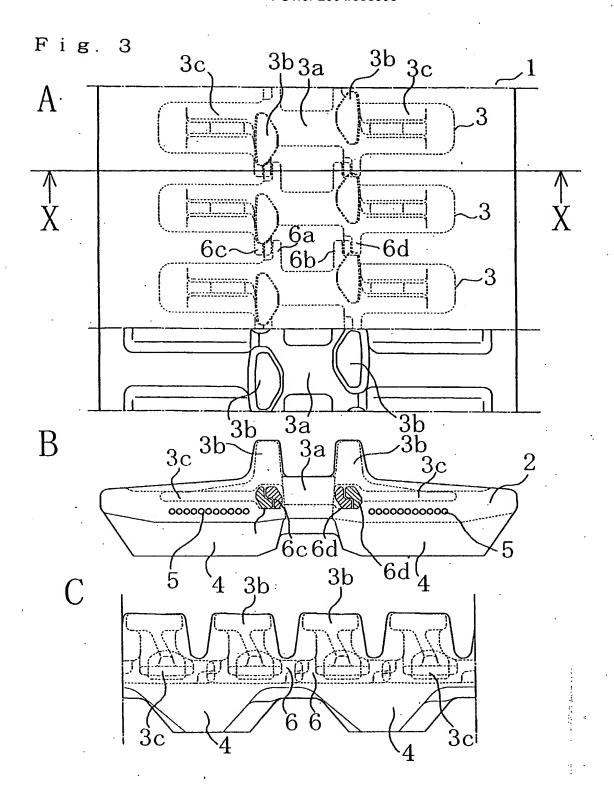
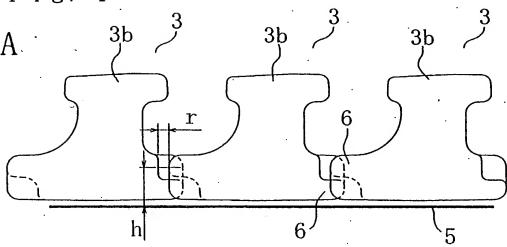


Fig. 4



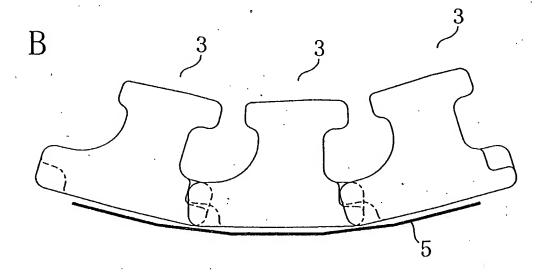
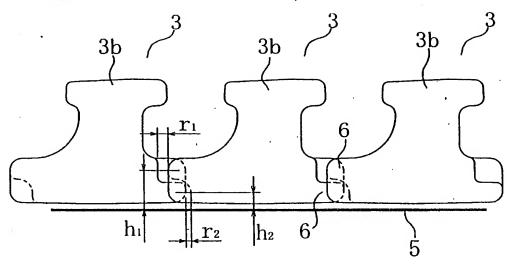
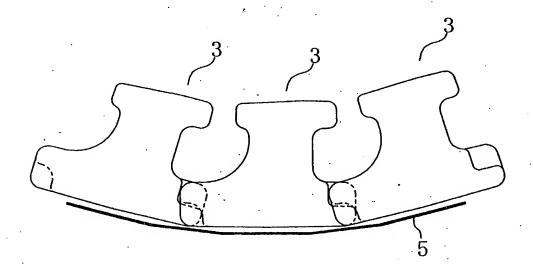
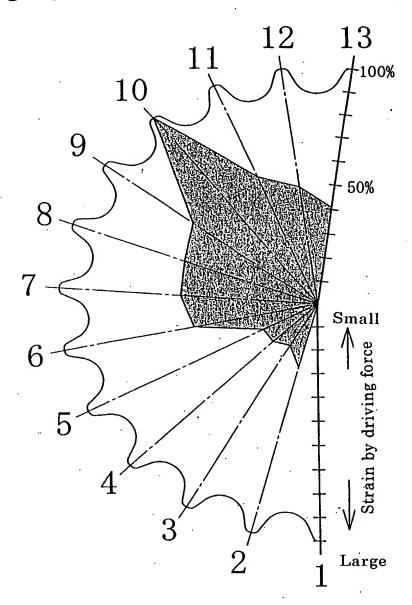


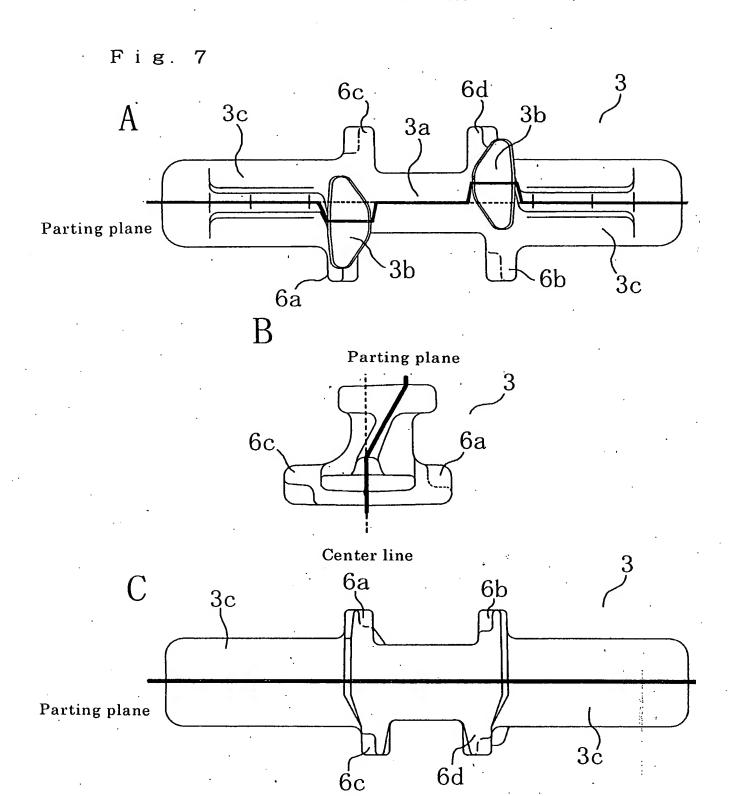
Fig. 5





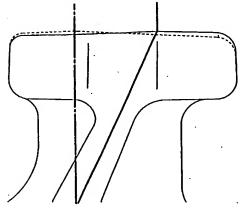
F i g. 6



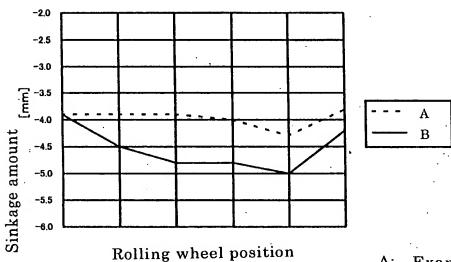


F i g. 8

Conventional parting plane Parting plane in the present invention



The sinkage of rolling wheel



A: Example

B: Conventional example

Fig. 9

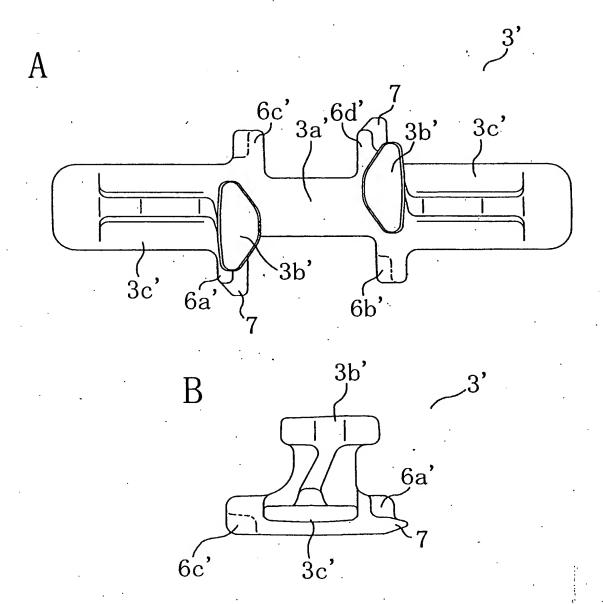
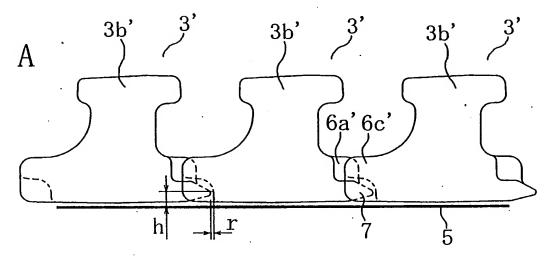


Fig. 10



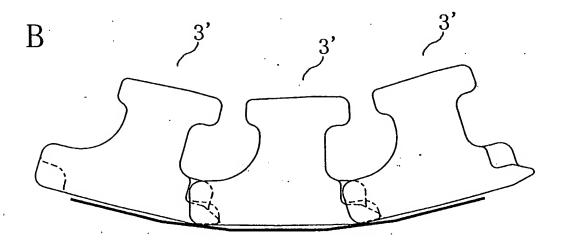
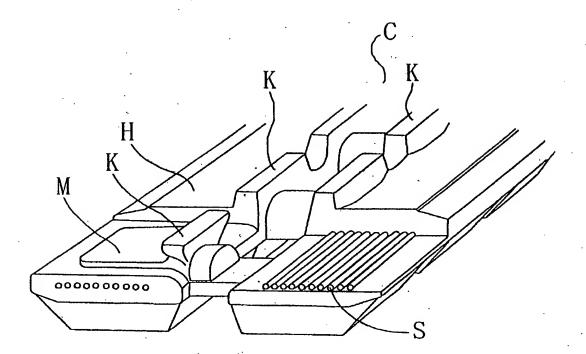
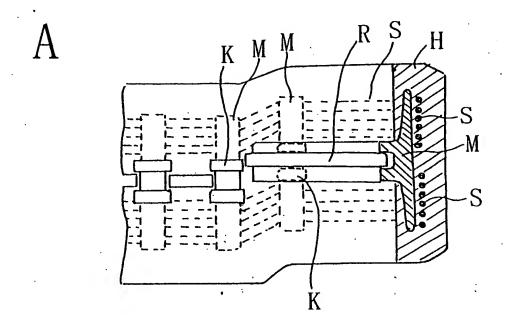


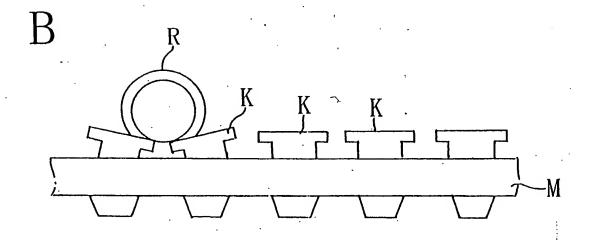
Fig. 11



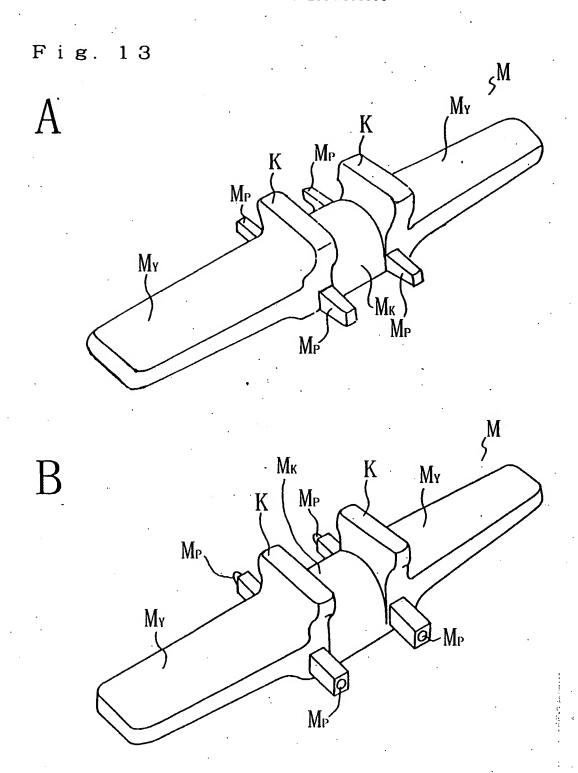
Prior Art

Fig. 12

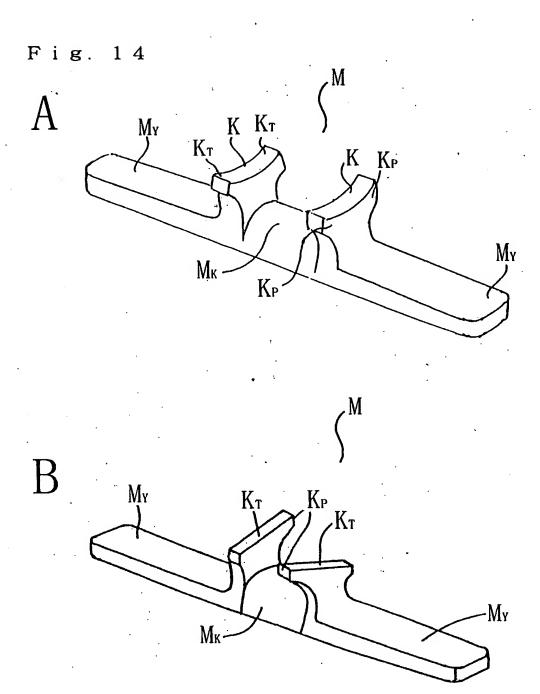




Prior Art

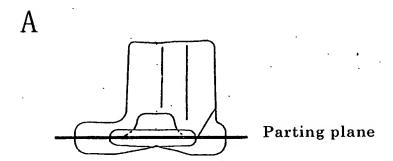


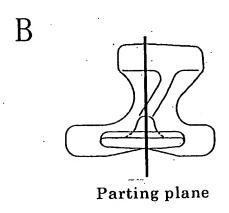
Prior Art



Prior Art

Fig. 15





Prior Art